

## **AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1-16. (Cancelled).

17. (Currently Amended)      A mechanism to attach and detach a ~~plate-type~~ cartridge element to a duct of a dust collector comprising spaced guiding members that are fixed in a longitudinal direction under ~~[[the]]~~ a bottom of ~~[[a]]~~ an elongated duct, ~~at intervals and have~~ inclined ellipticelliptical holes in the guiding members having a major axis that inclines upwardly in the longitudinal direction of the guiding members and in a direction of attachment of a cartridge to the duct, ~~sliding rails that are fixed~~ located in the guiding members ~~and have~~ having connecting holes ~~corresponding to~~ adjacent the inclined elliptic holes in the guiding members, coupling devices that ~~couple the guiding members with the rails by penetrating~~ extend through the inclined ellipticelliptical holes and the connecting holes to couple the rails to the guiding members, said coupling devices being slidable in said inclined elliptical holes and being located at a lower part of the inclined elliptical holes when the cartridge element is detached from the duct and at an upper part of the inclined elliptical holes when the cartridge element is attached to the duct, and means for installing a ~~cartridge elements that are installed~~ element ~~between and supported by the~~ sliding rails for movement with the rails, whereby when the sliding rails are slid into the duct, the coupling devices slide in the inclined elliptical holes to lift the rails and the cartridge element up and bring the cartridge element into attachment with the duct.

18. (Currently Amended)      ~~[[A]]~~The mechanism to attach and detach a ~~plate-type~~ cartridge element to a duct of a dust collector of claim 17, wherein the means for installing the cartridge element includes ~~comprising guiding members that are fixed under the bottom of a duct at intervals and having inclined elliptic holes, rails that are fixed in the guiding members and have connecting holes corresponding to the inclined elliptical holes, coupling devices that couple the guiding members with the rails by being inserted through the inclined elliptic holes and the connecting holes, a sliding member that has a~~ hole in which ~~the~~ a cartridge element ~~are~~ element is inserted and that is ~~installed on~~ supported by the rails, ~~[[and]]~~ so that when a cartridge elements ~~that are~~ element is inserted in the ~~hole~~ hole of the sliding member, ~~installed~~ the cartridge element is between the rails ~~with the sliding member, and supported by the rails.~~

19. (Currently Amended)      The mechanism to attach and detach a ~~plate-type~~ cartridge element to a duct of a dust collector of claim 17 or 18, wherein the cartridge element ~~element~~ [[are]] is a plate-type cartridge element ~~element~~.

20-24. (Cancelled).